

## SENSECO MC-3 Meeting & Joint WG Workshop

Time: Monday 28 October 2019 14:00 hrs - Wednesday 30 October 2019 11:30 hrs

Location: Hotel Beatriz Costa & Spa, Calle la Atalaya 3, Costa Teguise, Lanzarote, Canary Islands, Spain

### Objectives

Joint WG Workshop: Status of running and upcoming activities in the current Grant Period.

MC-3 Meeting: Reporting of the first half of Grant Period #2 and first ideas for Grant Period #3

### PROGRAMME

<b>General: Mon 28 OCT, 14:15-15:30</b>		
14:15-14:45	<b>Welcome coffee</b>	
14:45-15:00	Action Chair	Introduction
15:00 - 15:30	Matthias Drusch	FLEX implementation status - scientific and industrial activities
<b>WG4: Mon, 15:30-17:30</b>		
15:30 - 15:50	Andy Hueni	WG4 Status and Results of WG4 Questionnaire
15:50 - 16:10	Aga Bialek	Best practices in establishing and maintaining a traceability chain
16:10 - 16:30	Egor Prikaziuk	SCOPE model inversion: origins of measured radiance uncertainty propagation
16:30 - 16:45	<b>Coffee break</b>	
16:45 - 17:05	Andy Hueni & Marco Celesti	FLUO-SPECCHIO Project: From Towers to Products
17:05 - 17:25	Laura & Andy	Preview of upcoming uncertainty training workshop at INFLPR
17:30-18:30	Core Group Meeting	
18:30-19:30	Optional: Individual Working Group meetings	

<b>WG3: Tue 29 OCT, 9:00-10:45</b>		
9:00 - 9:15	Miriam Machwitz	WG3 status, outcome of last workshop, planning of summer school
9:15 - 9:20	Marlena Kycko	Review paper: Idea and concept
9:20 - 9:35	Helge Aasen	UAV thermography and its relationships with some canopy traits in a wheat field phenotyping experiment
9:35 - 09:50	Monica Garcia	Mapping vegetation ecophysiology from UAS: Synergies between optical, thermal and photogrammetry information
09:50 - 10:05	Alexander Damm	An airborne based multi-sensor approach to reveal plant-water relations in crop canopies
10:05 - 10:20	Vicente Burchard	Combining optical and thermal data for high-resolution evapotranspiration retrievals over a heterogeneous landscape
10:20 - 10:45	Miriam Machwitz & Marlena Kycko	Open discussion on vegetation stresses and related traits, review paper, sensor synergies
10:45 - 11:15	<b>Coffee break</b>	

<b>WG2: Tue, 11:15 - 13:00</b>		
11:15 - 11:30	Helge Aasen	Intro to WG2
11:30 - 11:45	Santiago Belda	New DATimeS' functionalities: multisensor time series data fusion
11:45 - 12:00	Martin Schlerf	Earth Observation Time Series Analysis Toolbox first prototype results
12:00 - 12:15	Offer Rozenstein	A hybrid hyperspectral-physiological phenomics system: A case study of potassium and transpiration rates in pepper plants
	<i>Potential case study data sets</i>	
12:15 - 12:25	Petar Dimitrov, Eugenia Roumenina, Georgi Jeleu, Lachezar Filchev	TS2AgroBG project
12:25 - 12:35	Helge Aasen & Quirina Merz	ETH Zurich, Plant reserach station Eschikon study region
12:35 - 13:00	Helge, Jean-Louis, Lammert	Discussion on further work of WG2 and potential case study sites
13:00 - 14:15	<b>Lunch</b>	

<b>WG1: Tue, 14:15-16:00</b>		
14:15 - 14:35	MªPilar Cendrero-Mateo	Intro WG1
14:35 - 14:55	Jochem Verrelst	Leaf-to-atmosphere scaling using radiative transfer models: couplings and comparisons
15:00 - 15:20	Sebastian Wineke	Leaf to canopy scaling issues of sun-induced fluorescence
15:20 - 15:40	Pequi Yang	Upscaling leaf PRI effects to canopy level
15:40 - 16:00	Javier Pacheco-Labrador	SenSCOPE: Modeling radiative transfer and biochemical processes in mixed canopies combining green and senescent leaves with SCOPE
16:00 - 16:30	<b>Coffee break</b>	
16:30 - 17:30	Optional: Additional Core Group / WG meetings	
Evening	Dinner	

<b>Wed, 30 OCT</b>	
9:00-11:00	Management Committee Meeting (MC Members / Substitutes only)
9:00-17:00	Optional: Excursion A - La Costa & Parque Nacional de Timanfaya
11:00-11:45	Lunch / Core Group Meeting
12:00-17:00	Optional: Excursion B - Parque Nacional de Timanfaya